

~~SECRET~~

Reference No. X-5-1240

~~CONFIDENTIAL~~

TO : Chief, Procurement Division, OL

DATE: 19 July 1955

FROM : Chief, Engineering Division, OC

SUBJECT: RS-6 Radio Sets, Inspection of:  
51-3178  
PSC-148-UNIV

Consignor:   
Consignee:

25X1

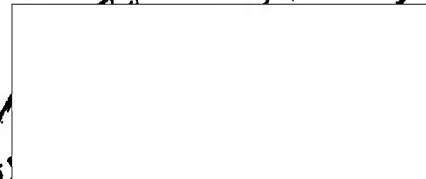
(JAN 54 - JUL 55)

1. An inspection by the Test & Inspection Section of 3 each RS-6 Radio Sets, reveals that units #10501 & 10502 are acceptable, and unit #10503 is rejected because receiver oscillator in crystal calibrate position.

2. It is suggested that the rejected unit be returned to the vendor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:

*for*

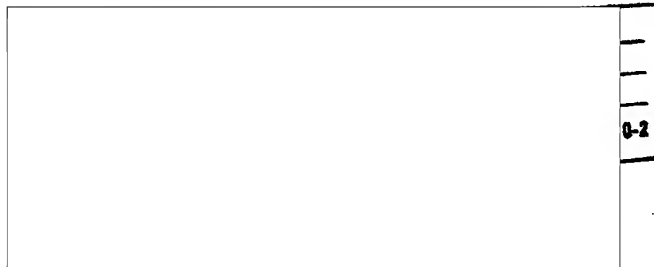


25X1

OC-E/MSB/T&I/AWR:ijd (19 July 1955)

Distribution:

- 1 - OC-E Chrono
- 1 - Reading
- 1 - Eng/MSB
- 1 - Eng/R&D ✓
- 1 - Receiving
- 1 - LO/PD/CB ATT: Chief, Inspection
- 1 - OC/SPD
- 1 - Suspense
- 1 - T&I Ref. No. 03571



25X1

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**SECRET**

*JeB*

*14-1656*

TO : Chief, Procurement Division, LO

DATE: 1 July 1954

FROM : Chief, Engineering Division, OC

SUBJECT: RS-6 Radio Sets, Inspection of:  
51-3178  
PSC-148-UNV

Consignor:  :  
Consignee:

25X1

1. An inspection by the Test & Evaluation Section of the above numbered contract is itemized below:

Item 3: RS-6 Radio Sets - 21 each - 20 acceptable  
1 rejected

Item 14: Base Spares for Item 3 - 27 each acceptable.

Item 17: Adaptors - 603 each - acceptable.

2. Serial numbers of the acceptable units are listed below:

7962	7979	7984
thru	7980	
7977	7981	

3. Serial number 7978 was rejected because of break in relay - inoperative.

4. It is suggested that the rejected unit be returned to the vendor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:

*for*

25X1

OC-E/MSB/T&E/HEM/1jd (29 June 1954)

Distribution:

- 1 - Eng/MSB
- 1 - Chrono
- 1 - Reading
- 1 - Receiving
- 1 - Storage Section
- 1 - R&D EXT. Proj. ✓
- 1 - I&A
- 1 - Suspense
- 1 - T&E Ref. No. 02100

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**SECRET**

Reference No.

84-1611  
DATE: 22 June 1954

TO : Chief, Procurement Division, LO

FROM : Chief, Engineering Division, OC

SUBJECT: RS-6 Radio Sets, Inspection of:  
51-3178  
PSC-148-UNV

Consignor:   
Consignee: Group V

25X1

1. An inspection by the Test & Evaluation Section of the above numbered contract is itemized below:

Item 3: RS-6 Radio Sets - 35 each - 34 acceptable  
1 rejected

Item 11: Spare Parts for Item 3 - 20 each - acceptable.

2. Serial numbers of the acceptable units are listed below:

7927	7940
thru	thru
7938	7961

3. Unit #7939 was rejected because Vibrator operates on AC.

4. It is suggested that the rejected unit be returned to the vendor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:

25X1

*for*  
OC-E/MSB/T&E/HHM/1jd (22 June 1954)

**Distribution:**

- 1 - Eng/MSB
- 1 - Chrono
- 1 - Reading
- 1 - Receiving
- 1 - Storage Section
- 1 - R&D Ext. Proj.
- 1 - IE/
- 1 - Suspense
- 1 - AS Ref. No. 02078

**SECRET**

**SECRET**

DATE: 17 June 1954

TO : Chief, Procurement Division, LO  
FROM : Chief, Engineering Division, OC  
SUBJECT: RS-6 Radio Sets, Inspection of:  
51-3178  
PSC-148-UNV

Consignor:   
Consignee: Group V

25X1

1. An inspection by the Test & Evaluation Section of the above numbered contract is itemized below:

Item 3: RS-6 Radio Sets - 18 each - 17 acceptable  
1 rejected

Item 17: Adapters - 269 each - acceptable.

2. Serial numbers of the acceptable units are listed below:

7904	7910	7923
	thru	thru
	7921	7926

3. Serial number 7922 was rejected because inoperative HFO below 10 mc on H1 band.

4. It is suggested that the rejected unit be returned to the vendor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:

25X1

OC-E/MSB/T&E/HMM/141 (17 June 1954)

Distribution:

- 1 - Eng/MSB
- 1 - Reading
- 1 - Chrono
- 1 - Receiving
- 1 - R&D Ext. Proj. ✓
- 1 - Storage Section
- 1 - Suspense
- 1 - T&E Ref. No. 02066

**SECRET**

**SECRET**

14-818

**TO : Chief, Engineering Division****DATE: 17 March 1954****FROM : Chief, Test & Evaluation Section****SUBJECT: Repair of 19 each RS-6 Units, Expired Warranty**

**Re: Memo #4-727 From  
Contracting Officer to  
Chief, Engineering Division**

1. This memorandum is to report the repairs effected to the units mentioned in the memorandum from OL.

2. Eighteen (18) units have been completely repaired and one (serial number 3172) may be repaired by the T&E Section if repair parts are procured.

3. Itemized for your convenience are the parts necessary for unit #3172:

a. (1) Low frequency, R.F. transformer with adjustable core, Part #424B158 symbol T-3.

b. (1) Output I.F. transformer without case (shield) (119-2-51) Part #424B121 symbol T-9.

c. (1) Variable condenser, BFO control, Part #419B102 symbol C-49 (1.7-8.7 mmf shorting type)

d. (1) Crystal, Part #448A103 symbol Y2, 500 kc calibrator crystal.

e. (1) Telux aer set without holder and cord.

4. Set #3172 was rejected for intermittent receiver which was located in the RF coil, item a above. Other items now required for this set were used to repair remaining eighteen units. Schematics were supplied for all sets.



25X1

CC-E/T&E/HM/1:4 (17 March 1954)

**Distribution:**

- 1 - Courtesy
- 1 - Eng/CHRE
- 1 - Receiving
- 1 - MSB
- 2 - RAD Ext. Proj.
- 1 - Chrono
- 1 - T&E Ref. No. 01800

**SECRET**

**SECRET**

Reference No.

14-622

DATE: 26 February 1954

TO : Chief, Procurement Division, LO

FROM : Chief, Engineering Division, OC

SUBJECT: RS-6 Radio Sets, Inspection of:  
51-3178  
PEC-148-UNV

Consignor:   
Consignee: Group # 5

25X1

1. An inspection by the Test & Evaluation Section of 4 each, RS-6 Radio Sets, reveals that they are all rejected. Serial numbers of the units are listed below with reason for rejection:

5573 - RR-6 Inoperative 85 V on plate of mixer, tube not conducting.

5877 - RT-6 Out circuit thru transmitter to receiver incomplete.

6211 - RR-6 No crystal calibrator.

5615 - RR-6 No crystal calibrator.

2. The above units have been inspected and can not be repaired by the T&E Section. It is suggested that they be returned to the vendor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:



25X1

OC-E/T&E/HEM/1jd (26 February 1954)

Distribution:

- 1 - Eng/CAERS
- 1 - Reading
- 1 - Chrono
- 1 - Receiving
- 1 - MSE
- 1 - RAD Ext. Proj. ✓
- 1 - Courtesy
- 1 - Suspense
- 1 - T&E Ref. No. 01764

**SECRET**

TO : Chief, Procurement Division, LO

Reference No. 7 18 9 February 1954

FROM : Chief, Engineering Division, CE

SUBJECT: M-6 Radio Sets, Inspection of:  
51-3173  
POT-118-LW

Considered: [Redacted]  
Concluded: Group 1 5

25X1

1. An inspection by the Radio Communication Division of 25 each, M-6 Radio Sets, (POT-118-LW) was conducted on 18 February 1954 and 8 units rejected.

2. Listed below are the serial numbers of the defective units:

6135	6220	6240	6272	6300	6320
6139	6221	6241	6273	6301	6321
6140	6222	6242	6274	6302	6322
6143	6223	6243	6275	6303	6323
6163	6224	6244	6276	6304	6324
6164	6227	6254	6281	6305	6325
6165	6228	6256	6287	6306	6326
6184	6230	6258	6288	6307	6327
6185	6236	6263	6309	6308	6328
6188	6237	6271	6321	6309	6329

3. Listed below are the serial numbers of the rejected units, with reason for rejection:

- 6238 - Transmitter oscillator tunes improperly at 3300kc.
- 6239 - Transmitter has no antenna connection to receiver thru relay.
- 6332 - Receiver inoperative on crystal controlled RF0 at 15mc.
- 6349 - Transmitter has low output at low end of H1 Band.

4. It is suggested that the defective units be returned to the contractor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:

[Redacted Signature]

25X1

CC-E/T&E/HM/1jd (9 February 1954)

Distribution:

- 1 - Eng/CHERO
- 1 - Reading
- 1 - Chrono
- 1 - Courtesy
- 1 - Receiving
- 1 - KSB
- 1 - R&D Ext. Proj. ✓
- 1 - Suspense
- 1 - T&E Ref. No. 01706

SECRET

**SECRET**

Reference No:

14-407

SCB

TO : Chief, Procurement Division, LO

DATE: 4 February 1954

FROM : Chief, Engineering Division, OC

SUBJECT: RS-6 Radio Sets, Inspection of  
PCE-148-JUN  
51-3173

Consignor:

Consignee: Group #5

25X1

1. An inspection by the Test & Evaluation Section of 51 each, RS-6 Radio Sets, reveals that 51 each are acceptable and 2 each rejected.

2. Listed below are the serial numbers of the acceptable units:

6186	6242	6260	6276	6313	
6197	6243	6261	6278	6315	
6199	6244	6262	6279	6316	
6202	6246	6263	6280	6317	
6209	6250	6264	6281	6326	
6214	6251	6265	6282	6333	
6217	6252	6266	6289	6335	
6225	6255	6269	6290	6351	
6229	6257	6270	6299	6356	
6241	6259	6275	6306	6358	6359

3. Listed below are the serial numbers of the rejected units, with reason for rejection:

6267 - No crystal calibrator (Receiver)  
6334 - No crystal calibrator. Pressing cal. button gives low freq. buzz on all frequencies (Receiver)

4. It is suggested that the defective units be returned to the contractor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:



25X1

CC-E/T&E/HEM/dd (4 February 1954)

## Distribution:

- 1 - Eng/CAEM
- 1 - Reading
- 1 - Chrono
- 1 - Courtesy
- 1 - Receiving
- 1 - MSB
- 1 - R&D Ext.Proj.
- 1 - Suspense

**SECRET**

25X1



SECRET

X4-152

TO : Chief, Procurement Division, LO

DATE: 2 February 1954

FROM : Chief, Engineering Division, OC

SUBJECT: Radio Sets RS-6, Inspection of  
PSC-148-UEV  
51-3178Consignor:   
Consignee: Group #5

25X1

1. An inspection by the Test & Evaluation Section of 52 each, RS-6 Radio Sets reveals that 30 each are acceptable and 2 each rejected.

2. Listed below are the acceptable units by serial number:

5996	6056	6105	6192	6223
5997	6059	6110	6193	6231
6000	6060	6112	6195	
6003	6061	6116	6201	
6004	6063	6119	6207	
6006	6064	6120	6208	
6023	6077	6157	6210	
6027	6081	6158	6212	
6031	6092	6159	6213	
6036	6100	6183	6215	
6037	6102	6187	6221	
6039	6103	6189	6222	

3. Listed below are the rejected units by serial number, with reason for rejection:

6200 - Transmitter keys continuously  
6224 - Defective phone jack. Audio starts out

4. It is suggested that the rejected units be returned to the contractor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:

25X1

OC-E/TLE/HEN/dd (2 February 1954)

## Distribution:

- 1 - Courtesy
- 1 - Eng/CEERB
- 1 - Reading
- 1 - Chrono
- 1 - Receiving
- 1 - MSB
- 1 - RAD Ext. Proj. ✓
- 1 - Suspense
- 1 - TLE Ref. No. 01688

SECRET

**SECRET**Reference No. *File* *PCB**44-434*

TO : Chief, Procurement Division, LO

DATE: 29 January 1954

FROM : Chief, Engineering Division, OC

SUBJECT: RS-6 Radio Sets, Inspection of:  
51-3178  
PSC-148 UNV

Compliment:

Compliment: Group 1/5

25X1

1. An inspection by the Test & Evaluation Section of 51 each, RS-6 Radio Sets, reveals that 43 each are acceptable and 8 each are rejected.

2. Serial numbers of the acceptable units are listed below:

5519	5532	5911	5936	6026	6096	6220
5520	5535	5913	5934	6030	6121	
5522	5538	5915	5966	6041	6124	
5523	5549	5918	5967	6048	6121	
5524	5559	5937	6015	6049	6204	
5527	5904	5938	6232	6087	6205	
5530	5907	5955	6025	6093	6211	

3. Serial numbers of the rejected units are listed below:

5521 - Defective volume control.  
 5526 - Inoperative on crystal controlled high frequency oscillator at 5, 10, and 15mc.  
 5536 - No Crystal calibrator  
 5527 - BFO not off on off scale, 14 kc high frequency oscillator pull at 15mc.  
 5963 - Inoperative on crystal controlled high frequency oscillator at 15mc.  
 6016 - RP-6 Vibrator operates on 110V AC.  
 6020 - Inoperative on crystal controlled high frequency oscillator at 15mc.  
 6122 - Receiver will not tune to 15mc.

4. It is suggested that the rejected units be returned to the vendor for replacement or repair.

FOR THE CHIEF, ENGINEERING DIVISION:

OC-E/TRE/HEV/1jd (29 January 1954)

Distribution:

1 - Eng/CHIEF	
1 - Reading	1 - R&D Ext. Proj. ✓
1 - Chrono	1 - Courtesy
1 - Receiving	1 - Suspense
1 - MEB	1 - TRE Ref. No. 01685

**SECRET**

File

CONFIDENTIAL

14-423

TO : Chief, Procurement Division, LO

DATE: 21 January 1954

FROM : Chief, Engineering Division, OC

SUBJECT: RS-6 Radio Sets, Inspection of:  
51-3178  
PSC-148

Comsigner:

Comsigner: Group # 5

25X1

1. An inspection by the Test & Evaluation Section of 45 each, RS-6 Radio Sets, reveals that 44 each are acceptable and 1 each rejected. Serial #5984 is rejected because of the following reasons:

- a. Copper spring clip guide for dial mast broken.
- b. 12 kc pull at 15 mc.
- c. Unable to correct calib at 15 mc.

2. Serial numbers of the acceptable units are as follows:

5890	5900	5922	5951	5961	5974	5989
5891	5902	5923	5952	5962	5980	5991
5892	5905	5925	5953	5965	5983	
5893	5906	5926	5954	5968	5985	
5895	5908	5934	5958	5969	5986	
5896	5917	5947	5959	5970	5987	
5899	5921	5950	5960	5972	5988	

3. It is suggested that the rejected unit be returned to the vendor for replacement or repair.

FOR THE GROUP, ENGINEERING DIVISION:

25X1

OC-E/TE/EMM/1jd (21 January 1954)

## Distribution:

- 1 - Eng/CHERG
- 1 - Reading
- 1 - Chrono
- 1 - Receiving
- 1 - MSB
- 1 - R&D Ext. Proj. ✓
- 1 - Courtesy
- 1 - Suspense
- 1 - T&E Ref. No. 01659

25X1

SECRET

CONFIDENTIAL